

METAL HYDRIDE COMPOSITE MATERIALS

ABSTRACT OF THE DISCLOSURE

A method of producing metal hydride misch-metal composite powders comprising providing to a rotary flow-through electrodeposition apparatus a powder whose particles comprise one or more lanthanide alloy metals selected from the group consisting of titanium lanthanide alloy metals and nickel lanthanide alloy metals; and electrodepositing one or more non-lanthanide metals on the powder via the apparatus. Also the resulting compositions of matter and metal hydride misch-metal powders.

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